**Project Documentation**

Project Name: DGaaS

Stream Name: Continuum

Git Repository: dgaas

Branch Name: continuum\_0.8

1. Pre-Requisite Software to be installed

## VsCode, MongoDB Compass, MongoDB, Mysql(version : 8 ), Node Js(version : 14), GIT

* After installing all the software in the system we have to setup path in the environmental variables for MySql , Git, MongoDB
* Eg : MongoDb → C:\Program Files\MongoDB\Server\6.0\bin

MySQL → C:\Program Files\MongoDB\Server\6.0\bin

GIT → C:\Program Files\Git\cmd

* (note : this is Example for windows but in Linux automatically setup when we install software)

1. DB Setup

## username for mysql : root , password for mysql : root

## Default Database Name → we have to first create database in the mysql and name of database is dd\_ticket\_manager

## Location of sql scripts in GIT to run → dgaas/dd\_ticket\_manager.sql

## Command : → use `dgaas\_stats\_data\_Continuum`; // select db

## copy data of dd\_ticket\_manager.sql file and paste in the mysql and run the script this will create required table in the database.

3. GIT install

## login into git through username and password.

## go to dgaas repo and copy url(https://github.com/jaydengregit/dgaas.git) of repo.

## After copy goto any location in the local machine and open cmd/terminal from that location and run commnad : git clone https://github.com/jaydengregit/dgaas.git

## After that change the branch to continuum\_0.8

Command : git checkout continuum\_0.8

4. IDE setup

## we are using VsCode IDE for project.

## So download VsCode into your machine. after that goto your project into the local machine and open cmd/terminal from there and run code . Command so it will open that project into vscode.

## If want format than install prettier from Extension section in the vscode.

5. Mention configuration files

## config file location for to chage databasename for Mysql :

dgaas/dgaas\_server/db\_config.json

## config file for bgid and freshservice api : dgaas/dgaas\_server/cred.json

6. Start / Stop the servers, Environment

## go to dgaas\_client and dgaas\_server folder in the dgaas and run command to install npm packages: npm install

* dgaas\_server : to start server run command : npm run server

to stop server click key 2 times : ctrl + c

port : 4007

* dgaas\_client : to start client run command : npm start

to stop server click key 2 times : ctrl + c

port : 3000

7. Validation

## How to validate the install once setup is up and running

## What are default username/password to login : → username for mysql is : root

## → password for mysql is : root

## Are there any other steps to perform after install for example run some schedulers, do some action to populate test data etc

→ after that go to db\_config.json file and change database filed to

"dd\_ticket\_manager\_dgaas"

field => database : "dd\_ticket\_manager\_dgaas"

→

- after that goto config.json file in the smartsheet\_config\_file folder copy

that path.

- after that goto smartsheetConfigs.js file and paste that copy path into ss\_config\_file filed.

- // this is how we have pasted path of config.json file int the ss\_config\_file

filed.

ss\_config\_file : "C:/DGaaS Project

Setup/DGaaS/dgaas/smartsheet\_config\_file/config.json"

→ after setup and running project imp process in the project

1 : login using superadmin

username => dgaas\_super\_admin

password => Nephos#1!@#$

2 : run all the toggle from the superadmin tabs

3 : go to Configure Apps inside this go to onboarding tab and inside

this data source questionnaire and upload file.

File Path in the Git repo:

dgaas\dgaas\_server\uploaded\_onboarding\_csv\

1661518308957\data\_source\_questionaire- 3.csv\

4 : go to Attributes tab and click it will refresh the page.

5 : if we have to create new Users, Admins or Viewers than go to User

Managment and create.

6 : after that go to Group Filters tab and create groups , child group

and grand child group and assign one of those group to user from

user management.

7 : after that go to configure apps inside this go to classification

ratings and crate ratings in the order given below .

1: Restricted

2: Internal

3: Confidential

4: Public

8 : - after that go to onboarding review section and click on add new datasource section and fill all the details after filling click on

save and finish. It will show submitted successfully popup.

- after that it will show option for submit that cretated

datasource.

So click on submit . It will show popup for submitted for scanning.

- after that change any tab and come back to onboarding tab

than it will show datasource that is coming for scanning.

- after that click that datasource id , after that it will also show cisco name click on that name and it will open new popup of all the details for datasource with scanning details.

- fill the empty scanning details and click on the Approved and Submit tab.

9 : after that run schedulers in the below orders.

1 : datasource scheduler

2 : object scheduler

3 : remediation scheduler

4 : sensitivity scheduler

8. Troubleshooting

## How to troubleshoot any issue in environment setup. Keep adding here

9. How to build a release

## This may involve creating docker images for the release Or may involve creating binaries etc

10. Things to check before making a release

## For example do we need to run linting

## Do we need to build in production mode and test

## If mobile app have we tested on android and IOS actual device, simulator etc